

**origin:** United States. **source history:** Donated to UNL by Mrs. Alice Graham, Ashland, NE. **cultivar:** LAKOTA. **pedigree:** Derived from selfing (S6) plants in a purported outcross population of a "squash landrace" (grown formerly by the Sioux Indians in western Nebraska) and a hubbard squash variety. **other id:** NE IS-88-12. **remarks:** Novel smooth thin-skinned small fruited (2.1 to 3.0 kg), early maturing (98-105 days) near-hubbard shaped winter squash. Most fruit exhibit different degrees of green and orange variegated patterns (most green with some orange) and with some fruit being solid green. Fruit shape similar to Improved Green. Flesh color deep yellow, approx. 3.8cm in thickness. Yield high. Vine spread 3-4cm. Favorable fruit baking quality and decorative value. Little fruit sunscald or injury observed in comparison with solid green fruited lines. Uninjured fruits store well. Winter Annual. Genetic Material. Seed.

PI 572292 to 572303. *Glycine max* (L.) Merr. FABACEAE Soybean

**Donated by:** Leffel, R.C., Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Beltsville, Maryland 20705, United States. **remarks:** Six Pairs of BARC-11 Soybean Isolines, Fasciated vs. Normal. Received July 20, 1993.

PI 572292 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-1-ff. **pedigree:** Hobbit x L79-351 (PI 83945-4 x Harosoy). **other id:** GS-18. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 32 d after Aug. 31. Plant height 71cm. Lodging score 4.2 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.7 (1=very good to 5=very poor). Seed weight 170mg seed-1. Seed yield 2708kg ha-1. Genetic Material. Seed.